

## **AB 118 2010-2011 Investment Plan Staff Workshop – Biofuels**

September 14 and 15, 2009

California Energy Commission  
Hearing Room A

### **Agenda**

#### *Problem Statement:*

California's biofuel markets are not functional in meeting State policy goals for the in-state production and sales of low carbon biofuels.

#### *Workshop Objective:*

For the 2010-2011 Investment Plan, provide the Energy Commission with the information needed to make strategic investments of AB 118 funds in biofuel production, wholesale market, and retail biofuels markets in order to meet state policy goals for the production and use of sustainable, low carbon biofuels.

#### **Day 1: September 14**

9:00 Introduction and Agenda Review – Leslie Barood

9:15 AB 118 Program Overview – Peter Ward

9:30 Policy Review and Status of Biofuels in California

- Review of state policies pertaining to biofuels and climate change – Jim McKinney
- Status of in-state biofuel production and use – Jim McKinney
- Discussion of biofuels' Fuel Pathways – Ysbrand Van der Werf
- Air Resources Board presentation on the Low Carbon Fuel Standard (LCFS) - Dean Simeroth

10:00 Biofuel Production Panel

- Conventional biorefineries, cellulosic technologies, and alternative low carbon feedstocks
- Panelists:
  - Nella Oil / Calgren Renewable Fuels – Dolores Santos
  - Swan Biomass – Bob Walker
  - California Ethanol and Power – Dave Rubenstein
  - Great Valley Energy – Brian Pellens
  - Amyris – Fernando Garcia
  - Community Biofuels - Michael Redimer
  - CA Biodiesel Alliance – Eric Bowen

12:00- 1:15 Lunch

1:15 Wholesale and Retail Biofuels

- Developers of wholesale and retail markets and associated infrastructure
- Panelists:
  - Department of General Services – Rick Shedd
  - Interstate Oil Inc. – Mark Sperling
  - Propel – Rob Elam
  - Blue Sun Energy – Steve Bond

2:30 Break

2:45 Sustainability Discussion

- Panelists:
  - California Energy Commission - Jim McKinney
  - UC Davis – Steve Kaffka

3:40 Public Comment

- Including feedback on Energy Commission's AB 118 funding process thus far

4:30 Adjourn

## **Day 2: September 15**

9:00 Introduction and Agenda Review

9:10 Biomethane (Part I)

- CalStart Presentation – John Boesel

9:40 Algae Panel

- Panelists:
  - UC San Diego Algae Research Program - Dr. Stephen Mayfield, Professor of Biology, UC San Diego and Director, San Diego Center for Algae Biotechnology
  - California Algae Fuel Prize – Matt Peak
  - Solazyme – Matthew Frome

10:40 Biofuels Feedstock Panel (Part I)

- Including both waste-derived and purpose-grown feedstocks
- Panelists:
  - Bioenergy Producers Association – Kay Martin
  - Fulcrum Bioenergy – Ted Kniesche
  - UC Davis – Steve Kaffka
  - American Palm Oil Council - Rosidah Radzian

12:00-1:00 Lunch

1:00 Biofuels Feedstock Panel (Part II)

- Including both waste-derived and purpose-grown feedstocks
- Panelists:
  - California Ethanol and Power – Dave Rubenstein
  - TSL Seed Inc. – Dino Lekos
  - Kalin Farms/Imperial Valley Bioresources, Inc. – Carson Kalin
  - Ornbaun Farms Inc. – Clark Ornbaun
  - Sustainable Farm Systems – Thor Bailey

2:20 Break

2:30 Biomethane Transportation Panel (Part II)

- Panelists:
  - Waste Management – Chuck White
  - Pacific Gas & Electric – Ken Brennan

3:00 Informal Discussion / Public Comment

4:00 Adjourn